



Cisco® Authorized Curriculum
Sponsored by Element K
A Cisco Learning Solutions Partner



Looking at Training Differently.....

Cisco® Internetwork Troubleshooting (CIT) v5.1

Objectives :

The goal of CIT is to provide learners with hands-on experience in troubleshooting sub-optimal performance in a converged network and is an integral part of any approach to obtain the technical proficiency of Cisco Certified Network Professional (CCNP). CIT deepens the learners technical ability rather than introducing new baseline technology.

Prerequisites:

Pre-requisites include successful completion of the following courses or equivalent field experience

- ICND
- BCMSN
- BCRAN
- BSCI

Duration:

Five Days

Additional Information

Course Content can be tailored to clients specific needs

Course Contents

After completing this course, the student should be able to:

Given a fully operational internetwork, interconnecting end systems using Cisco systems routers and switches, administrative access to the network, and access to Cisco IOS commands and applications that are used to discover baseline configuration information, students will establish a baseline, so that the topology and configuration is diagrammed and tabulated.

Given interconnecting end systems using Cisco systems routers and switches, and the principles of a layered model troubleshooting approach, students will determine and document a troubleshooting strategy so that internetwork problems can be detected and corrected consistently.

Given the sub-optimal operation of an internetwork at the physical or data link layer, a list of user-reported symptoms, and a network baseline, students will use Cisco IOS commands and applications to resolve optimization and failure problems at the physical or data link layer, so that the framed data moves from one end of a data link to another at the expected data error rate determined in the network baseline

Given the sub-optimal operation of an internetwork at the network layer, a network baseline, and a list of user-reported and system-gathered symptoms, students will use Cisco IOS commands and applications to resolve optimization and failure problems at the network layer, so that students can verify connectivity at Layer 3, the routing tables show reachability to all expected network devices specified in the baseline, and traffic is flowing over the correct path detailed in the baseline.

Course content continues over the page

**For more information, or to book your course, please call Sense Training on 0870 4296445
Or visit our web site –www.sensetraining.co.uk**



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Course Outline

Module 1 - Establishing a Baseline

Module 2 - Determining an Effective Troubleshooting Strategy

Module 3 - Resolving Problems at the Physical and Data Link Layers

Module 4 - Resolving Problems at the Network Layer

Module 5 - Resolving Problems at the Transport and Application Layers

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